Raw Sequence Listing Error Summary

ERROR DETECTED   **SUGGESTED CORRECTION**   SERIAL NUMBER: 10/656, 358

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____Wrapped Nucleics   The number/text at the end of each line "wrapped" down to the next line. This may occur if your file
Wrapped Aminos   was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will
prevent "wrapping."

2____Invalid Line Length   The rules require that a line not exceed 72 characters in length. This includes white spaces.

3____Misaligned Amino   The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers;
Numbering   use **space characters**, instead.

4____Non-ASCII   The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. **Please**
ensure your subsequent submission is saved in ASCII text.

5____Variable Length   Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules,**
each n or Xaa can only represent a single residue. Please present the maximum number of each
residue having variable length and indicate in the <220>-<223> section that some may be missing.

6____PatentIn 2.0   A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
"bug"   sequences(s) _____. Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to
the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for**
Artificial or Unknown sequences.

7____Skipped Sequences   Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(OLD RULES)   (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8____Skipped Sequences   Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
(NEW RULES)   <210> sequence id number
<400> sequence id number
000

9____Use of n's or Xaa's   Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES)   Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10____Invalid <213>   Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
Response   scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or
is Artificial Sequence

11___X__Use of <220>   Sequence(s) 1- 2 missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or
Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of Sequence Rules)

12____PatentIn 2.0   Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
"bug"   resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence
listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13____Misuse of n/Xaa   "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/656,358

DATE: 09/17/2003
TIME: 15:54:55

Input Set : **A:\PTO.KD.txt**
Output Set: **N:\CRF4\09172003\J656358.raw**

```
 3 <110> APPLICANT: Robinson, Donna L.
 5 <120> TITLE OF INVENTION: IMPROVED METHODS FOR SEQUENCING GC-RICH AND CCT REPEAT DNA
 6       TEMPLATES
 8 <130> FILE REFERENCE: S-100,543
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/656,358
C--> 10 <141> CURRENT FILING DATE: 2003-09-04
 10 <160> NUMBER OF SEQ ID NOS: 2
 12 <170> SOFTWARE: PatentIn version 3.2
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 24
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Artificial
 19 <220> FEATURE:
 20 <223> OTHER INFORMATION: Artificial Sequence
 22 <400> SEQUENCE: 1
 23 gctgcaaggc gattaagttg ggta
 26 <210> SEQ ID NO: 2
 27 <211> LENGTH: 26
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Artificial Sequence
 34 <400> SEQUENCE: 2
 35 gttgtgtgga attgtgagcg gataac
```

24

26

Does Not Comply Corrected Diskette Needed

see item 11 on error summary sheet.

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/17/2003
PATENT APPLICATION: **US/10/656,358**   TIME: 15:54:56

Input Set : **A:\PTO.KD.txt**
Output Set: **N:\CRF4\09172003\J656358.raw**

<u>Invalid <213> Response:</u>
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

VERIFICATION SUMMARY   DATE: 09/17/2003
PATENT APPLICATION: **US/10/656,358**   TIME: 15:54:56

Input Set : **A:\PTO.KD.txt**
Output Set: **N:\CRF4\09172003\J656358.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

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Creation date: 09-29-2003
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Team: OIPEScanning
Dossier: 10659207

Legal Date: 09-22-2003

No.	Doccode	Number of pages
1	CRFE	9

Total number of pages: 9

Remarks:

Order of re-scan issued on ....